

Part-2: Refine init

$\mathbf{Q} = \{\text{boot_hw}, \text{senchk}, \text{tchk}, \text{psichk}, \text{ready}\}$

$\mathbf{q}_0 : \text{boot_hw}$

$\Sigma 1 = \{\text{hw_ok}, \text{sen_ok}, \text{t_ok}, \text{psi_ok}\}$

$\Sigma 2 = \{\text{check_sensors}, \text{check_t_sensor}, \text{check_psi_sensor}\}$

$\mathbf{V} = \{ \}$

$\Lambda = \{$

$\rightarrow \text{boot_hw}$

$\text{boot_hw} \xrightarrow{\text{hw_ok} / \text{check_sensors}} \text{senchk}$

$\text{senchk} \xrightarrow{\text{sen_ok} / \text{check_t_sensor}} \text{tchk}$

$\text{tchk} \xrightarrow{\text{t_ok} / \text{check_psi_sensor}} \text{psichk}$

$\text{psichk} \xrightarrow{\text{psi_ok}} \text{ready}$

$\text{ready} \rightarrow \text{end}$

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